

As per the information brochure, all challenges received in respect of the provisional answer key have been given due consideration by the subject experts, and thereafter the answer key has been finalized and frozen. The finalized answer key has been used for evaluation of results based on the instructions made available to the candidates prior to the examination at the examination centres.

### ANSWER KEY JEE (ADVANCED) 2018 PAPER 1

| Q. No. | PART I - PHYSICS  | PART II - CHEMISTRY     | PART III - MATHEMATICS |
|--------|-------------------|-------------------------|------------------------|
| 1      | B,C               | B,C                     | A,B,D                  |
| 2      | A,C               | B,C                     | B,C,D                  |
| 3      | A,C               | A,B,C                   | C,D                    |
| 4      | B,D               | B                       | A,B,D                  |
| 5      | A,B,D             | A,B,D                   | B,C                    |
| 6      | B,C,D             | B,C                     | B,C                    |
| 7      | 2                 | 1                       | 8                      |
| 8      | 5                 | 2992 [2989.00,2995.00]* | 625                    |
| 9      | 0.75              | 3                       | 3748                   |
| 10     | 2.09 [2.00,2.20]* | 10 [9.90,10.10]*        | 2                      |
| 11     | 1.5               | 2.22 [2.20,2.23]*       | 1                      |
| 12     | 1.2 OR 2*         | 19.0 [18.50,19.50]*     | 3                      |
| 13     | 130               | 4.47 [4.30,4.60]*       | 0.5                    |
| 14     | 4                 | 0.05                    | 4                      |
| 15     | C                 | C                       | A                      |
| 16     | D                 | A                       | D                      |
| 17     | B                 | A                       | A                      |
| 18     | C                 | B                       | C                      |

\*As per the decision of the subject experts, and after considering the challenges received in accordance with the due process contained in the information brochure, since answers within this range or either of the options (as applicable) may be correct.

### JEE (ADVANCED) 2018 PAPER 2

| Q. No. | PART I - PHYSICS  | PART II - CHEMISTRY     | PART III - MATHEMATICS |
|--------|-------------------|-------------------------|------------------------|
| 1      | A,B,D             | A,B,D                   | D                      |
| 2      | A,C,D             | B,D                     | B,D                    |
| 3      | A,B               | D                       | A,D                    |
| 4      | D                 | D                       | A,C                    |
| 5      | A,C               | A,D                     | A,C,D                  |
| 6      | A,B,C OR A,C*     | A,C                     | B,C,D                  |
| 7      | 6.3 [6.29,6.31]*  | 5 OR 6*                 | 2                      |
| 8      | 30 [29.60,30.40]* | 6.47 [6.40,6.50]*       | 4                      |
| 9      | 2                 | 126 [120.00,130.00]*    | 119                    |
| 10     | 5.55 [5.50,5.60]* | 7                       | 0.40                   |
| 11     | 3                 | 495 [490.00,500.00]*    | 2                      |
| 12     | 900               | -14.6 [-14.70,-14.50]*  | 8                      |
| 13     | 24 [23.60,24.40]* | 8500 [8430.00,8570.00]* | 0.5                    |
| 14     | 3                 | -11.62 [-11.82,-11.42]* | 646                    |
| 15     | B                 | C                       | A                      |
| 16     | B                 | D                       | C                      |
| 17     | C                 | B                       | B                      |
| 18     | A                 | D                       | D                      |

\*As per the decision of the subject experts, and after considering the challenges received in accordance with the due process contained in the information brochure, since answers within this range or either of the options (as applicable) may be correct.